PTO/SB/05	(4/98)
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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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PD-03W101 Attorney Docket No. UTILITY **PATENT APPLICATION** 

First Inventor or Application Identifier | Alexander A. Betin et al. Title PHASE CONJUGATE LASER AND METHOD WITH...

**TRANSMITTAL** (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b) Express Mail Label No. EU430995341US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application O Washington, DC 20231					
*Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Specification [Total Pages 20]  Descriptive title of the Invention  Cross References to Related Applications  Statement Regarding Fed sponsored R & D  Reference to Microfiche Appendix  Background of the Invention  Brief Summary of the Invention  Brief Description of the Drawings (if filed)  Detailed Description  Claim(s)  Abstract of the Disclosure  Drawing(s) (35 U.S.C. 113) [Total Sheets 04]  Mewly Executed Combined Declaration and Power of Attorney  Copy from a prior application (37 C.F.R. § 1.6 (for continuation/divisional with Box 16 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in the prior application see 37 C.F.R. §§ 1.63(d)(2) and 1.33(t)  FINTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCELED UPON (37 C.F.R. § 1.28)	5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  7. Assignment Papers (cover sheet & document(s)) 8. (when there is an assignee) Power of (when there is an assignee) 10. X Information Disclosure 10. X Information Disclosure 11. Preliminary Amendment 12. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. Statement(s) Statement filed in prior application, Status still proper and desired (PTO/SB/09-12) Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. Other:					
under Pay 4h is considered a part of the disclosure of the accomp	re of the prior application, from which an oath or declaration is supplied anying continuation or divisional application and is hereby incorporated by on has been inadvertently omitted from the submitted application parts.					
	DENCE ADDRESS					
Customer Number or Bar Code Label 23915 (Insert Customer No. or	or Correspondence address below Attach bar code label here)					
Name Patent Docket Administration						
RAYTHEON COMPANY						
Address Bldg. E1, M.S. E150						
P.O. Box 902  City El Segundo State	California Zip Code 90245					
Country United States of America Telephone	(310) 647-2577 Fax (310) 647-2616					
Name (Print/Type) Leonard A. Alkov	Registration No. (Attorney/Agent) 30,021					
Signature Sunard & Alla Date 09/19/2003						
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PTO/SB/17 (01-03)

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FEE TRANSMITTAL  for FY 2003  Effective 01/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27		Complete if Known			
		Application Number			
		Filing Date			
		First Named Inventor	ALEXANDER A. BETIN ET AL.		
		Examiner Name			
		Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$) 958.00	Attorney Docket No.	PD-03W101		

Attorney Bocket No. 11 8 control						
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)	
Check Credit card Money Other None	Order   Order   Order					
Deposit Account:			Small			
Donosit	Fee Code	Fee (\$)		Fee (\$)	Fee Description	Fee Paid
Account Number	1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account RAYTHEON COMPANY	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	<u> </u>
Name	1053	130	1053		Non-English specification	
The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments	1812	2,520	1812 2		For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee		1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.	4054	440	2251	55	Examiner action  Extension for reply within first month	
FEE CALCULATION	1251 1252	110 410	2251	205	Extension for reply within second month	
1. BASIC FILING FEE	1252	930	2252		Extension for reply within third month	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid		1,450	2254	725	Extension for reply within fourth month	
Code (\$) Code (\$)	1	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Utility filing fee 750.00	1401	320	2401		Notice of Appeal	
1002 330 2002 165 Design filing fee	1402	320	2402		Filing a brief in support of an appeal	
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing	
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,300	2453	650	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2501	650	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	470	2502		Design issue fee	
Total Claims	1503	630	2503		Planti ssue fee	<b> </b>
Independent 05 - 3** = 168 X = Multiple Dependent	1460	130	1460		Petitions to the Commissioner	
	1807	50	1807		Processing fee under 37 CFR 1.17(q)	$\vdash$
Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Fee   Fee Description	1806	180	1806		Recording each patent assignment per	10.00
Code (\$) Code (\$)	8021	40	8021		property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 84 2201 42 independent claims in excess 1.0	1810	750	2810	375	For each additional invention to be	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	374	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802		Request for expedited examination	
and over original patent					of a design application	$\vdash$
SUBTOTAL (2) (\$) 168.00 Other fee (specify) Cher fee (specify) Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00					=	
**or number previously paid, if greater; For Reissues, see above						
SUBMITTED BY (Complete (if applicable)						

SUBMITTED BY

Name (Print/Type)

Leonard A. Alkov

Registration No. (Attorney/Agent)

Signature

(Complete (if applicable)

Telephone 310-647-2577

Date 09-19-2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.